

FIG. 1

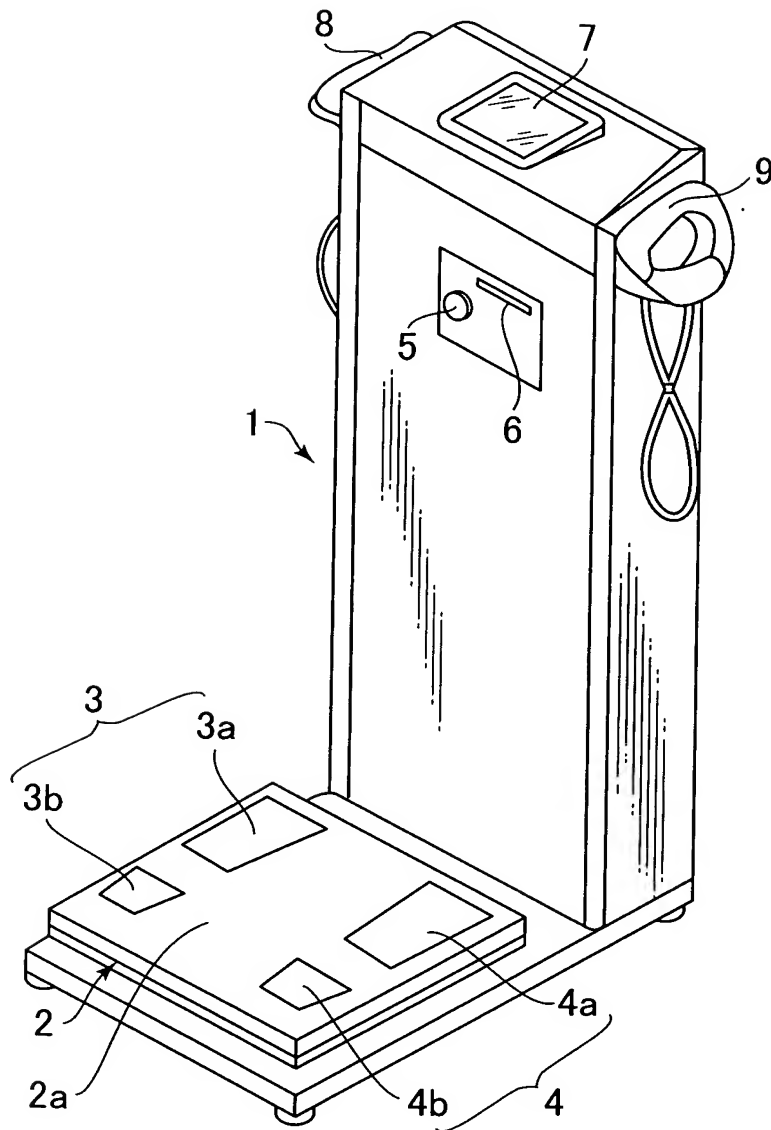
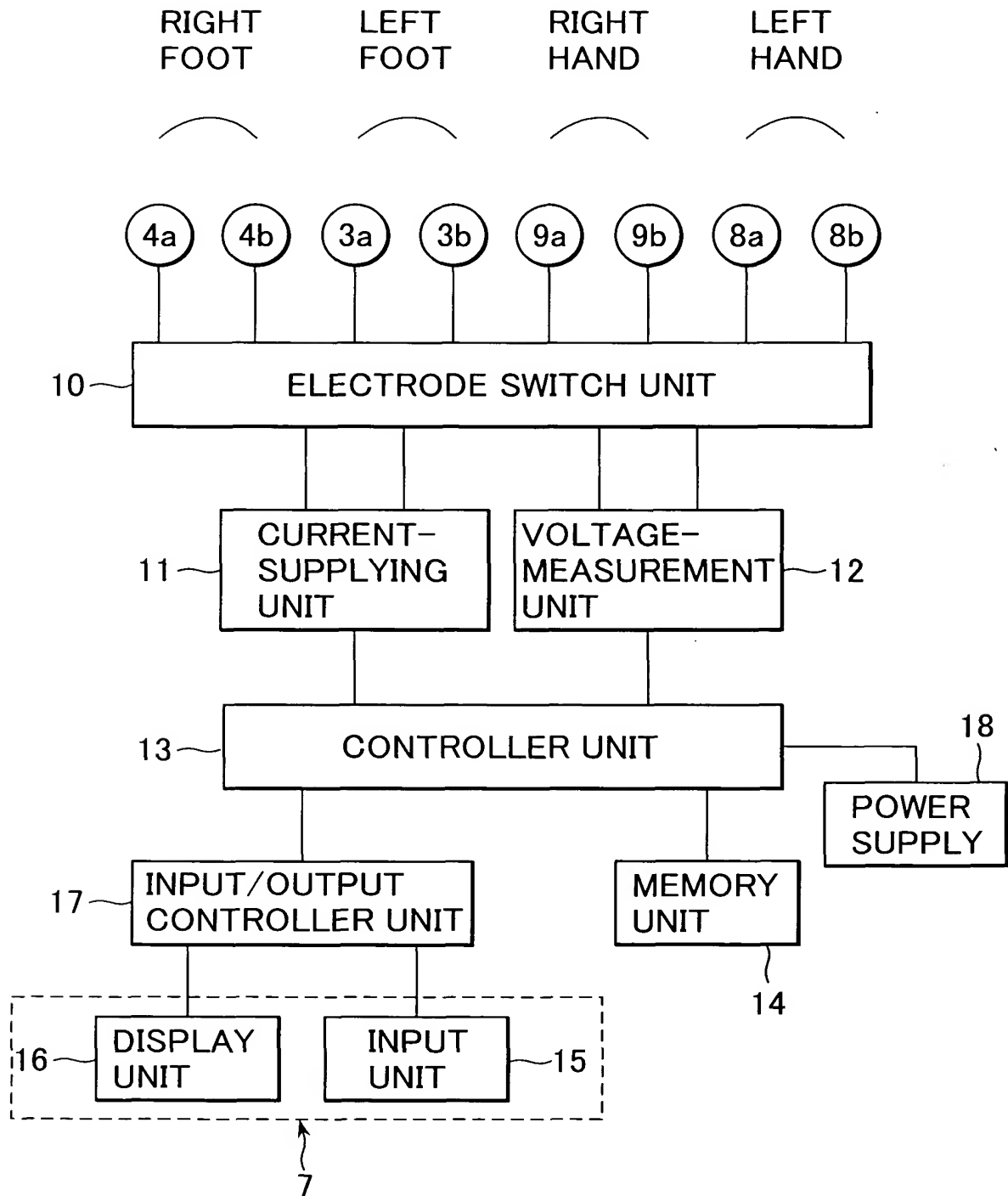


FIG.2



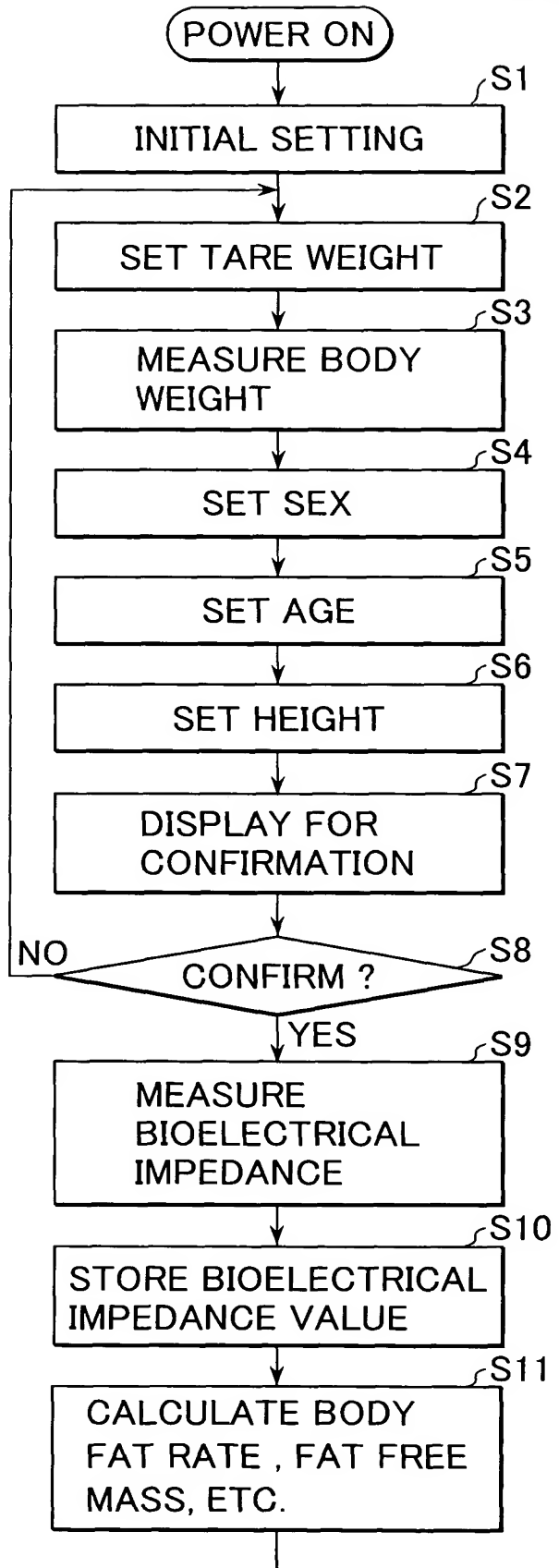


FIG.3

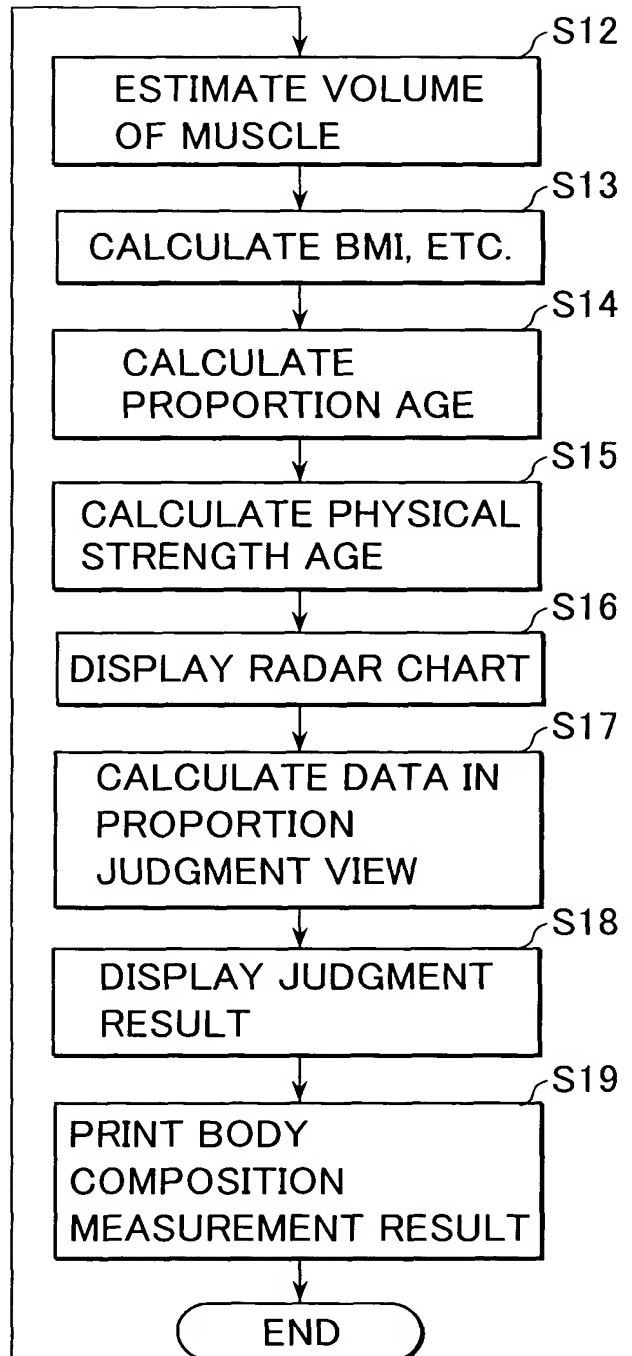


FIG.4A

ENTER TARE WEIGHT

TARE WEIGHT Kg

7	8	9	RETURN PROCEED ERASE BACK
4	5	6	
1	2	3	
	0	.	

FIG.4B

ENTER TARE WEIGHT

TARE WEIGHT 1.5Kg

7	8	9	RETURN PROCEED ERASE BACK
4	5	6	
1	2	3	
	0	.	

FIG.4C

MEASURE BODY WEIGHT

MOUNT ON PLATFORM WITH BARE FEET

SUBTRACT TARE WEIGHT

-1.5Kg

RETURN  
 PROCEED

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FIG.4D

BODY WEIGHT:  
SUBTRACT TARE WEIGHT

50.2Kg

PROCEED TO NEXT STEP AND ENTER NECESSARY ITEMS

RETURN  
PROCEED

FIG.4E

ENTER BODY BUILD AND SEX

STANDARD MAN      STANDARD WOMAN

ATHLETE MAN      ATHLETE WOMAN

RETURN  
PROCEED

FIG.4F

ENTER AGE

AGE      YEARS OLD

7	8	9	
4	5	6	
1	2	3	ERASE
	0	.	BACK

RETURN  
PROCEED

FIG.5A

ENTER HEIGHT

HEIGHT cm

7	8	9	
4	5	6	
1	2	3	ERASE
	0	.	BACK

RETURN  
PROCEED

FIG.5B

CONFIRM CONTENT THAT HAVE BEEN SET AND DEPRESS START KEY

RETURN

START      STOP

CONTENT THAT HAVE BEEN SET  
(DEPRESS RETURN KEY FOR CORRECTION)

BODY WEIGHT: 50.2Kg	BODY BUILD: STANDARD/MAN
AGE: 73	HEIGHT: 156cm

FIG.6

**WHOLE BODY COMPOSITION DIAGNOSIS**

**WHOLE BODY**

BODY FAT RATE	18.60%
BODY FAT MASS	9.4Kg
FAT FREE MASS	40.9Kg
BMI	20.6
STANDARD WEIGHT	53.5Kg
DEGREE OF ADIPOSITY	-6.2
ESTIMATED VOLUME OF MUSCLE	38.5Kg

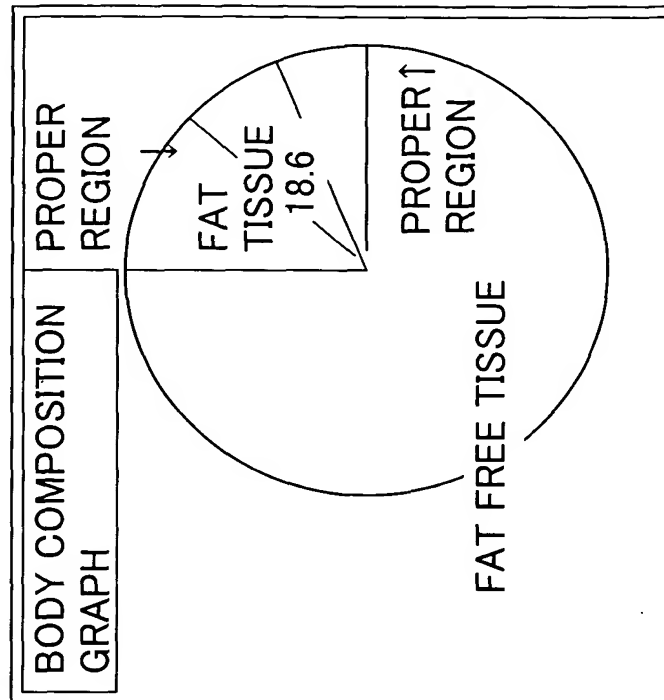


FIG.7A

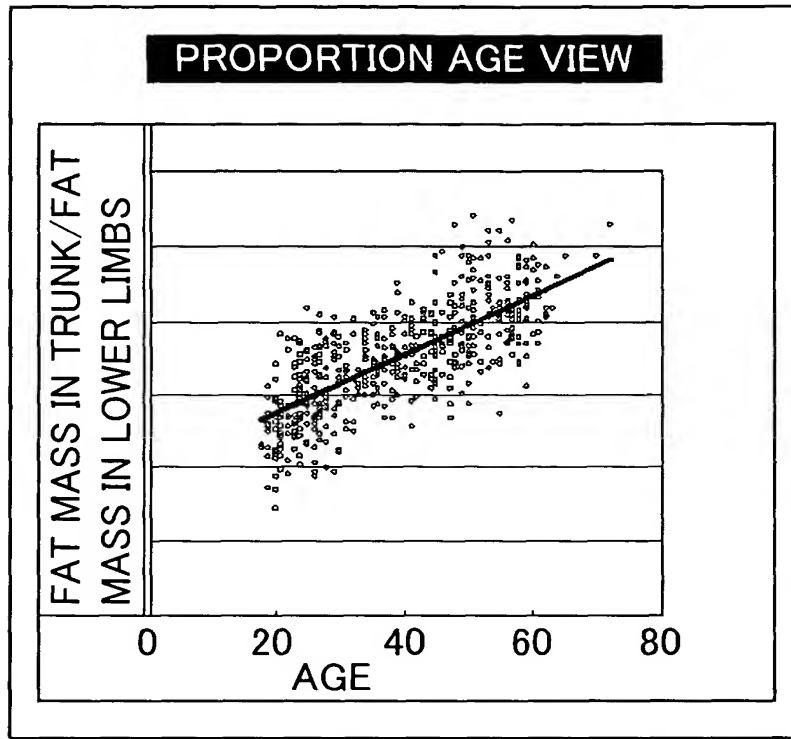


FIG.7B

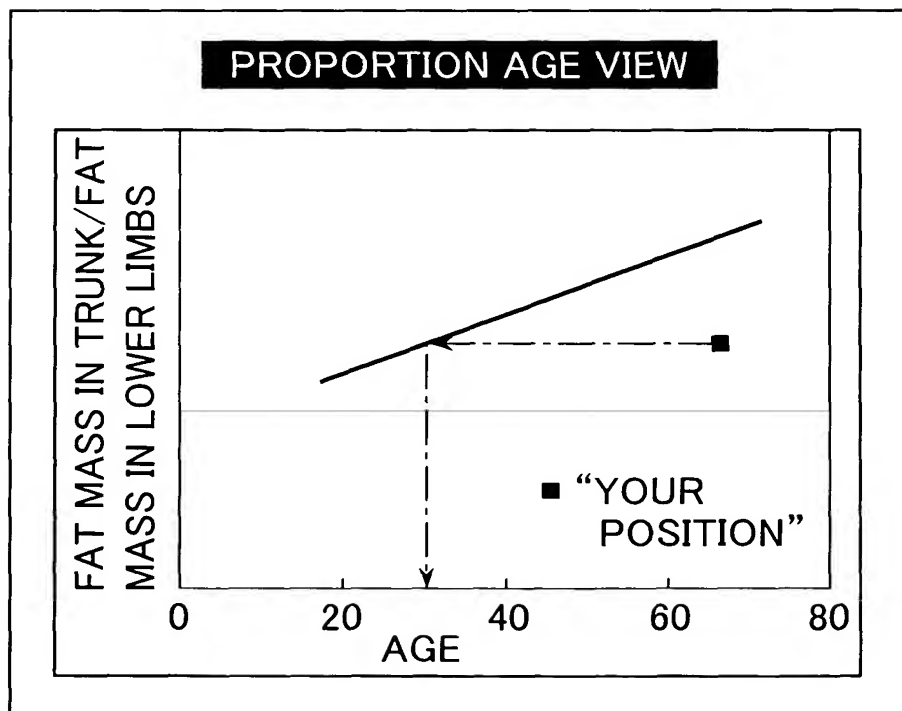


FIG.8A

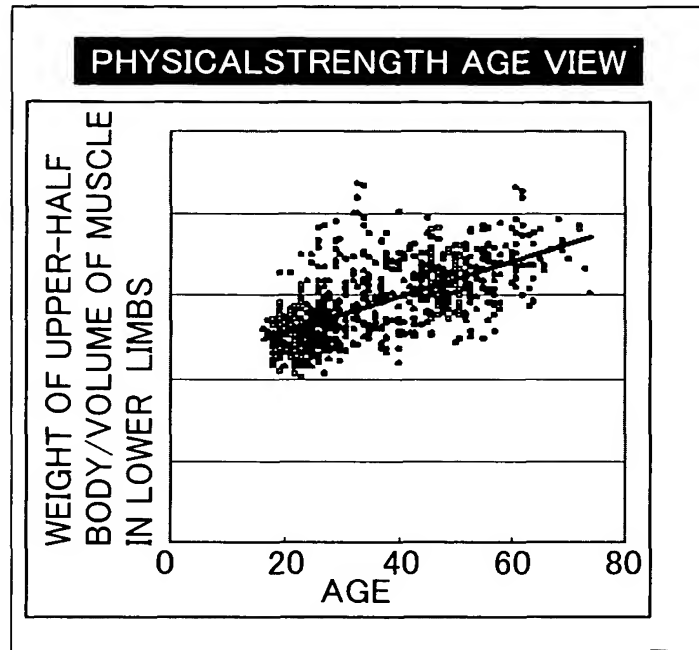


FIG.8B

**BALANCE FOR UPPER-HALF AND LOWER-HALF BODIES**

**UPPER-HALF BODY**

FAT RATE	19.2%
FAT MASS	6.6Kg
FAT FREE MASS	27.7Kg
ESTIMATED VOLUME OF MUSCLE	26.2Kg

**LOWER-HALF BODY**

FAT RATE	17.5%
FAT MASS	2.8Kg
FAT FREE MASS	13.2Kg
ESTIMATED VOLUME OF MUSCLE	12.3Kg
WHOLE BODY	577 $\Omega$
RIGHT LEG	258 $\Omega$
LEFT LEG	264 $\Omega$
RIGHT ARM	293 $\Omega$
LEFT ARM	290 $\Omega$

**PHYSICALSTRENGTH AGE VIEW**

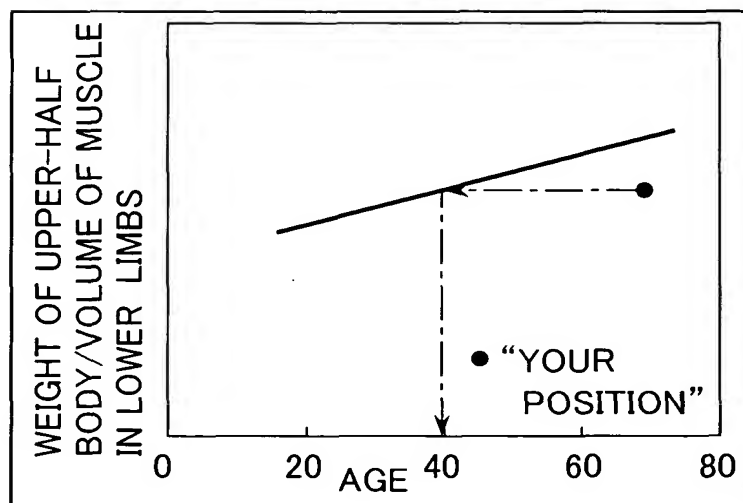


FIG.9

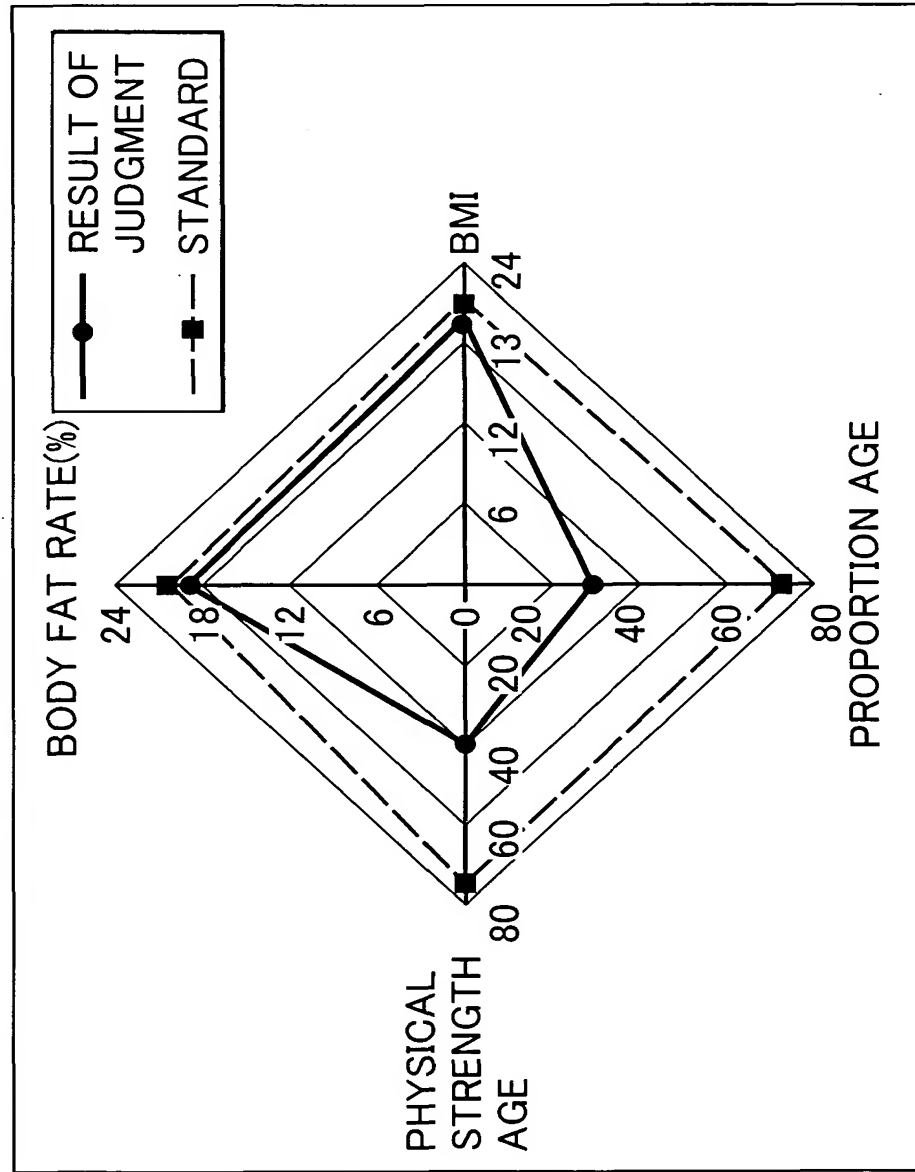
**JUDGMENT OF PHYSICAL CONSTITUTION AND PHYSICAL STRENGTH**

FIG.10

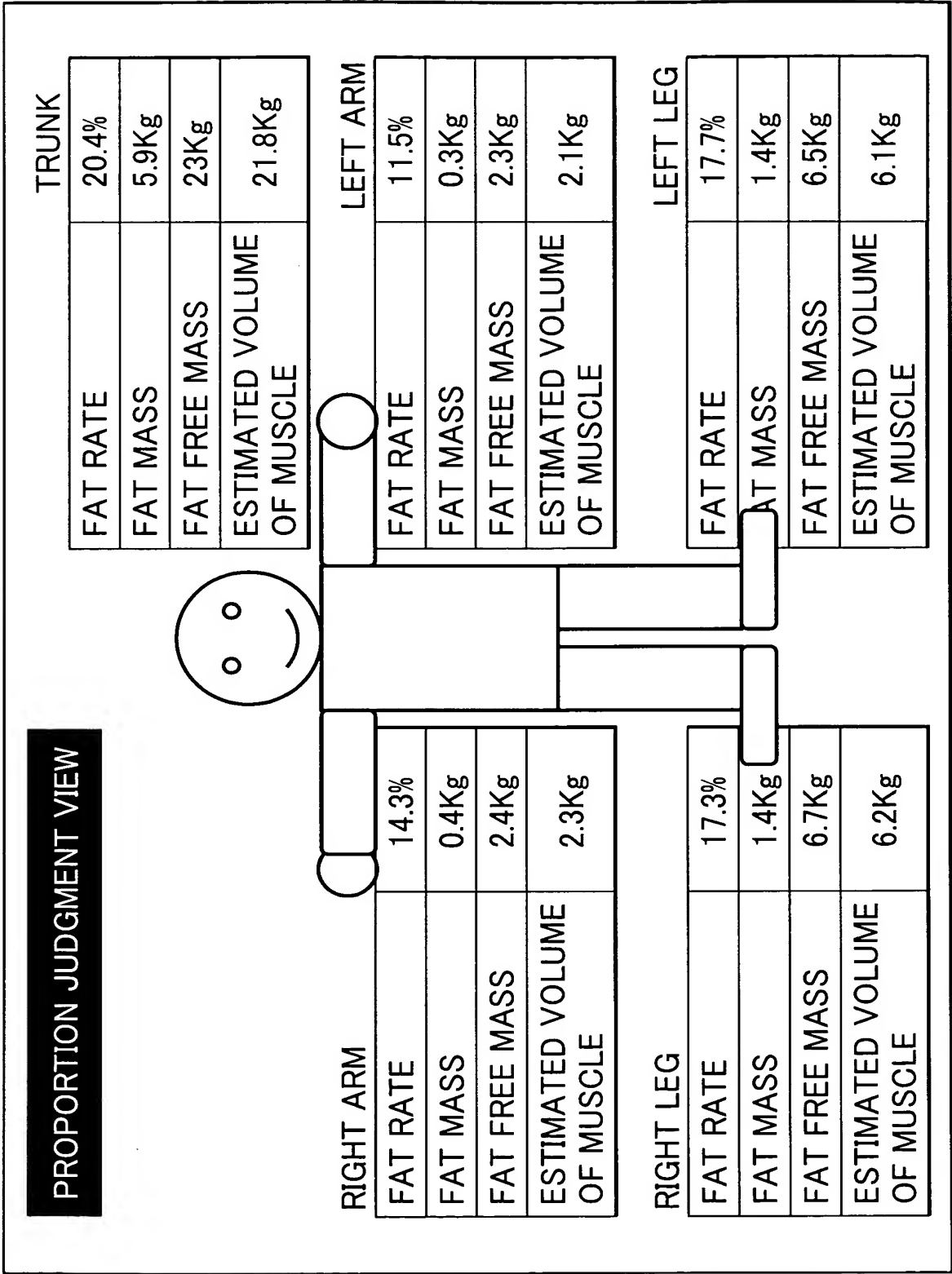


FIG.11

RESULT OF JUDGMENT
YOU HAVE PROPER VALUE FOR BMI, BUT TEND TOWARD ADIPOSITY IN WHICH BODY FAT IS GREATER. IN ADDITION, YOU HAVE HIGHER PHYSICAL STRENGTH AGE, AND HAVE RELATIVELY LOWER VOLUME OF LEG MUSCLE.

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FIG.12

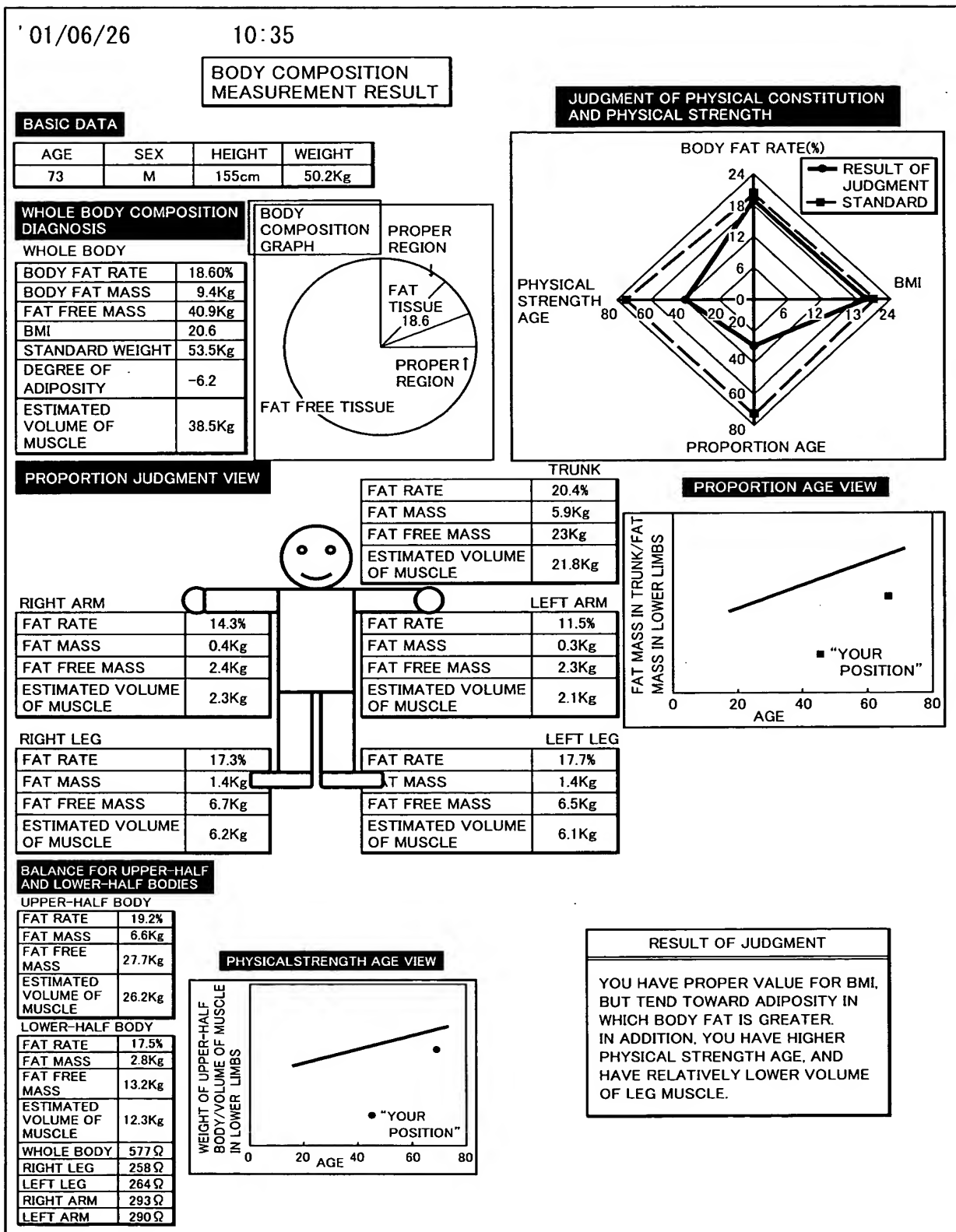


FIG.13

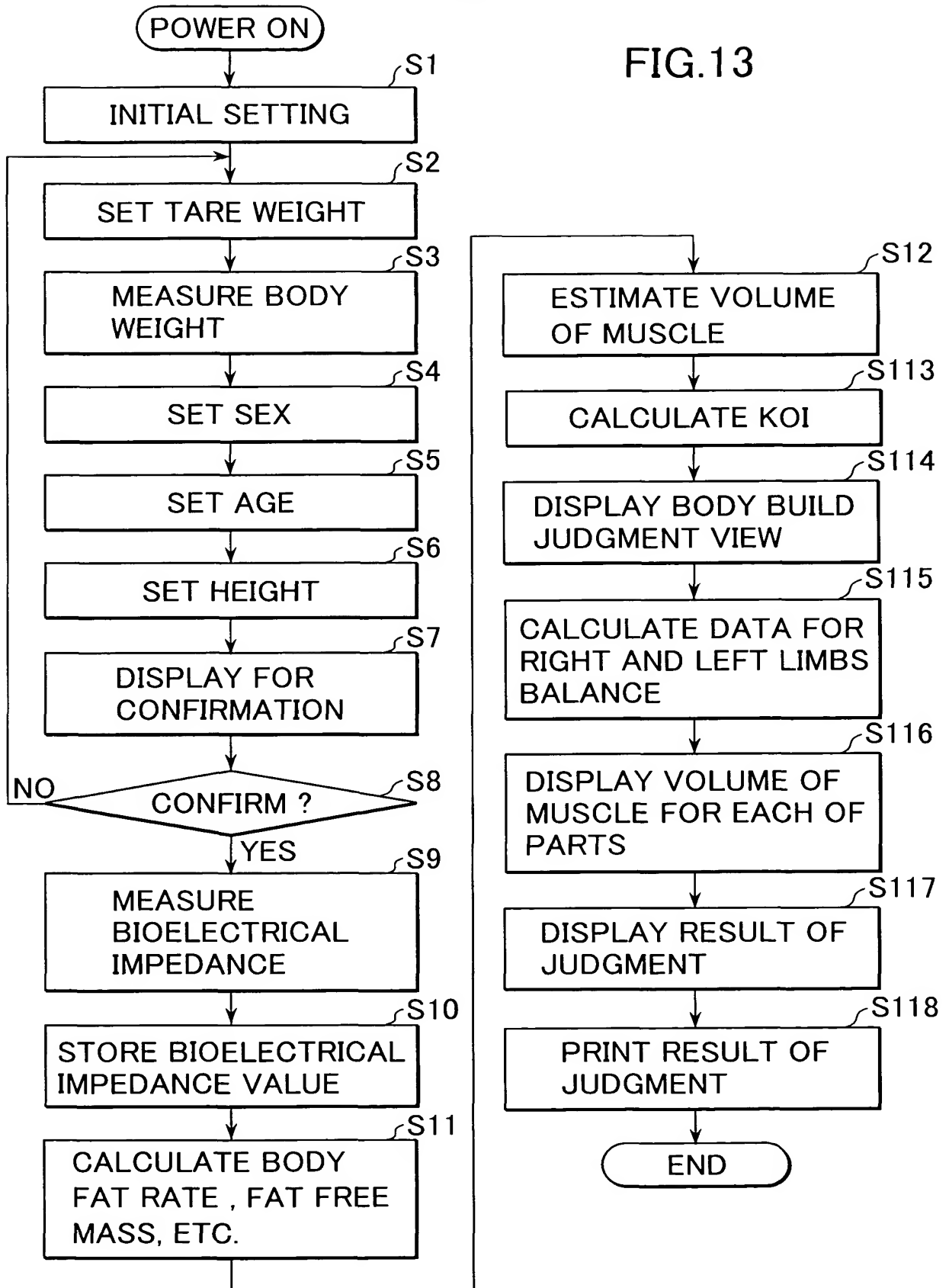




FIG.15

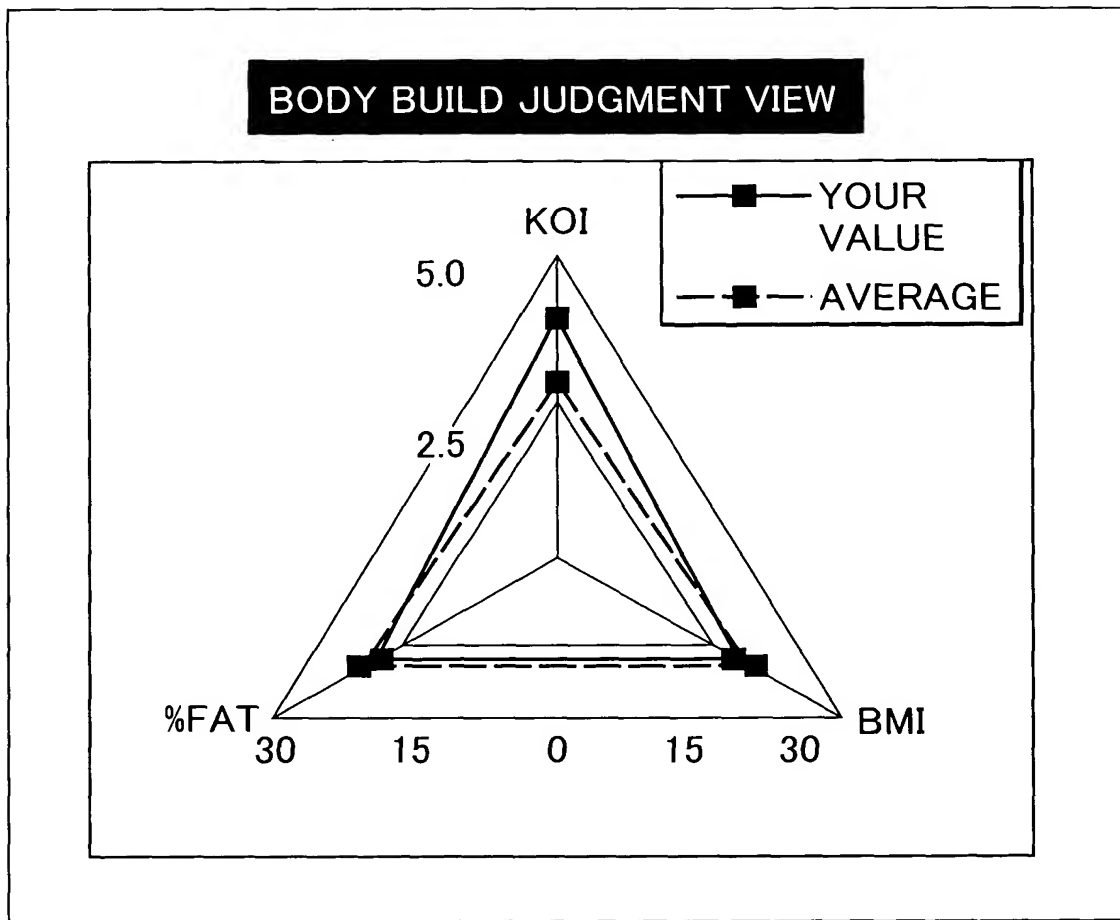


FIG.16

**RIGHT AND LEFT LIMBS BALANCE**

RIGHT ARM		LEFT ARM	
FAT RATE	12.4%	FAT RATE	12.1%
FAT MASS	0.4Kg	FAT MASS	0.3Kg
FAT FREE MASS	2.4Kg	FAT FREE MASS	2.3Kg
ESTIMATED VOLUME OF MUSCLE	2.3Kg	ESTIMATED VOLUME OF MUSCLE	2.1Kg

RIGHT LEG		LEFT LEG	
FAT RATE	17%	FAT RATE	17.9%
FAT MASS	1.4Kg	FAT MASS	1.4Kg
FAT FREE MASS	6.7Kg	FAT FREE MASS	6.5Kg
ESTIMATED VOLUME OF MUSCLE	6.2Kg	ESTIMATED VOLUME OF MUSCLE	6.1Kg

FIG.17

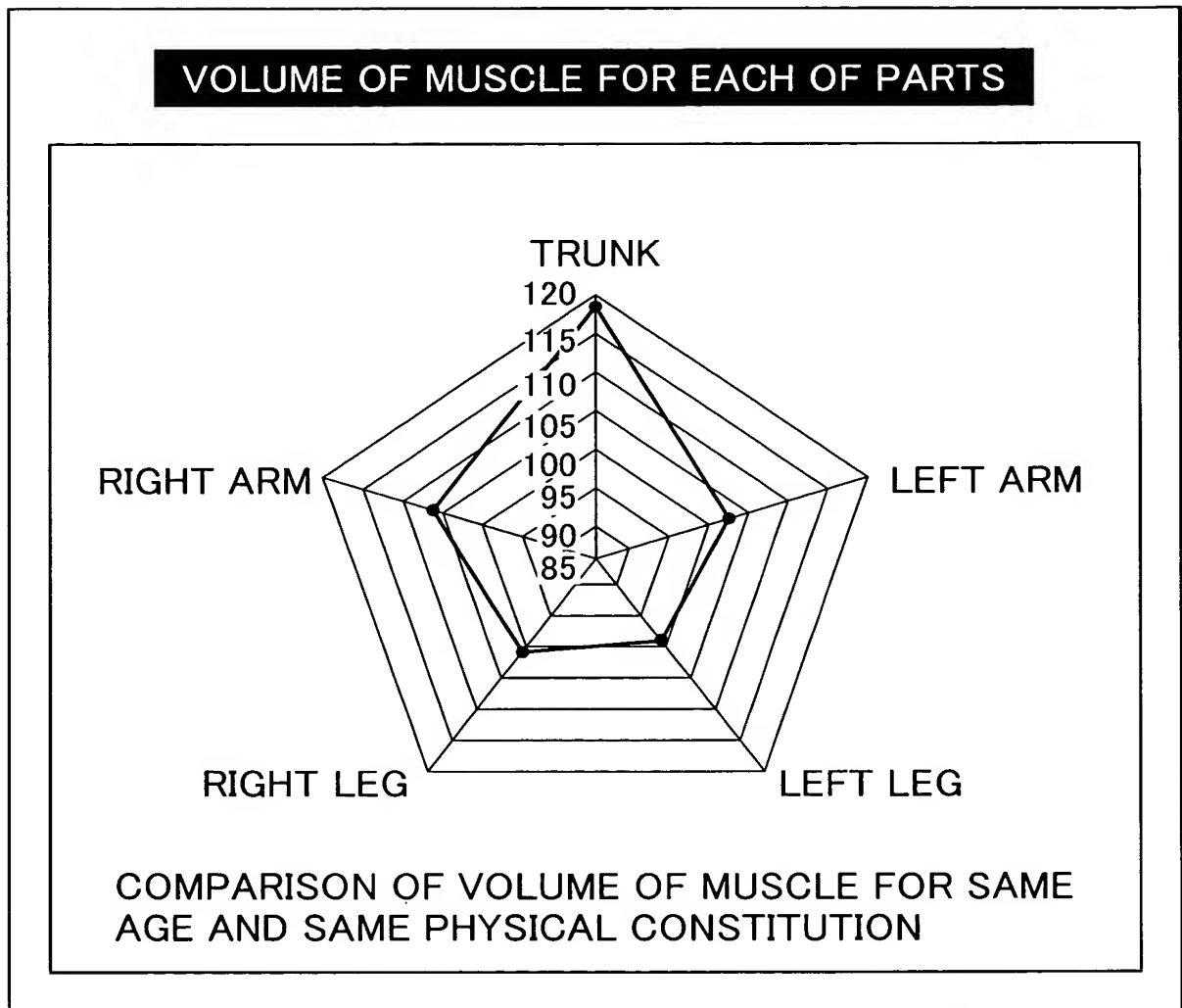


FIG.18

RESULT OF JUDGMENT
<p>YOU HAVE PROPER VALUE FOR BODY FAT RATE AND BMI, BUT BECAUSE OF HIGHER KOI THAT LEADS TO BURDEN TO YOUR KNEES, YOU ARE LIKELY TO SUFFER FROM OSTEOARTHRITIS.</p> <p>THE REASON FOR WHICH IS THAT YOU HAVE LESSER VOLUME OF LEG MUSCLE. THEREFORE, YOU NEED TO PAY EFFORT TO INCREASE THE VOLUME OF LEG MUSCLE FOR RELIEVING ANY BURDEN TO THE KNEES.</p>

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FIG.19

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# JUDGMENT RESULT FOR POSSIBILITY OF OCCURRENCE OF OSTEOARTHRITIS

## BASIC DATA

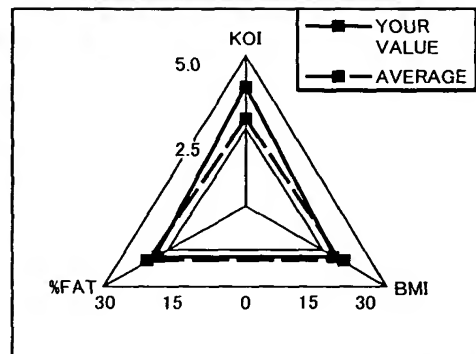
AGE	SEX	HEIGHT	WEIGHT
73	M	155cm	50.2Kg

## WHOLE BODY COMPOSITION DIAGNOSIS

## BALANCE FOR UPPER-HALF AND LOWER-HALF BODIES

WHOLE BODY		UPPER-HALF BODY	
KOI	4.1	FAT RATE	19.2%
BODY FAT RATE	18.60%	FAT MASS	6.6Kg
BODY FAT MASS	9.4Kg	FAT FREE MASS	27.7Kg
FAT FREE MASS	40.9Kg	ESTIMATED VOLUME OF MUSCLE	26.2Kg
BMI	20.6		
IMPEDANCE		LOWER-HALF BODY	
WHOLE BODY	577Ω	FAT RATE	17.5%
RIGHT LEG	258Ω	FAT MASS	2.8Kg
LEFT LEG	264Ω	FAT FREE MASS	13.2Kg
RIGHT ARM	293Ω	ESTIMATED VOLUME OF MUSCLE	12.3Kg
LEFT ARM	290Ω		

## BODY BUILD JUDGMENT VIEW

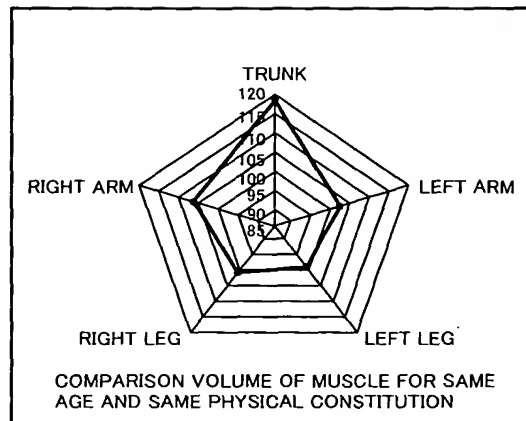


## VOLUME OF MUSCLE FOR EACH OF PARTS

## RIGHT AND LEFT LIMBS BALANCE

RIGHT ARM		LEFT ARM	
FAT RATE	12.4%	FAT RATE	12.1%
FAT MASS	0.4Kg	FAT MASS	0.3Kg
FAT FREE MASS	2.4Kg	FAT FREE MASS	2.3Kg
ESTIMATED VOLUME OF MUSCLE	2.3Kg	ESTIMATED VOLUME OF MUSCLE	2.1Kg

RIGHT LEG		LEFT LEG	
FAT RATE	17%	FAT RATE	17.9%
FAT MASS	1.4Kg	FAT MASS	1.4Kg
FAT FREE MASS	6.7Kg	FAT FREE MASS	6.5Kg
ESTIMATED VOLUME OF MUSCLE	6.2Kg	ESTIMATED VOLUME OF MUSCLE	6.1Kg



## RESULT OF JUDGMENT

YOU HAVE PROPER VALUE FOR BODY FAT RATE AND BMI, BUT BECAUSE OF HIGHER KOI THAT LEADS TO BURDEN TO YOUR KNEES, YOU ARE LIKELY TO SUFFER FROM OSTEOARTHRITIS. THE REASON FOR WHICH IS THAT YOU HAVE LESSER VOLUME OF LEG MUSCLE. THEREFORE, YOU NEED TO PAY EFFORT TO INCREASE THE VOLUME OF LEG MUSCLE FOR RELIEVING ANY BURDEN TO THE KNEES.